

## WATER QUALITY REPORT 2013



Farmington City is pleased to report that your drinking water meets all federal and state requirements. It is the city's constant goal to provide you with a safe and dependable supply of drinking water, and efforts are made to continually safeguard the Farmington City water supply.

90% of Farmington City's drinking water comes from three underground wells in various locations throughout the city. The remaining 10% comes from the Weber Basin Conservancy District. A copy of the Weber Basin Water Quality Report is available at the Weber Basin Office at 2837 East Highway 193 in Layton, or at [www.weberbasin.com](http://www.weberbasin.com).

If you have questions about this report or concerning your water, please contact Walt Hokanson, Farmington Public Works Director, or Larry Famuliner, Water Superintendent, at 720 West 100 North, 801-451-2624. The city encourages residents to be informed about their water utility. The public is

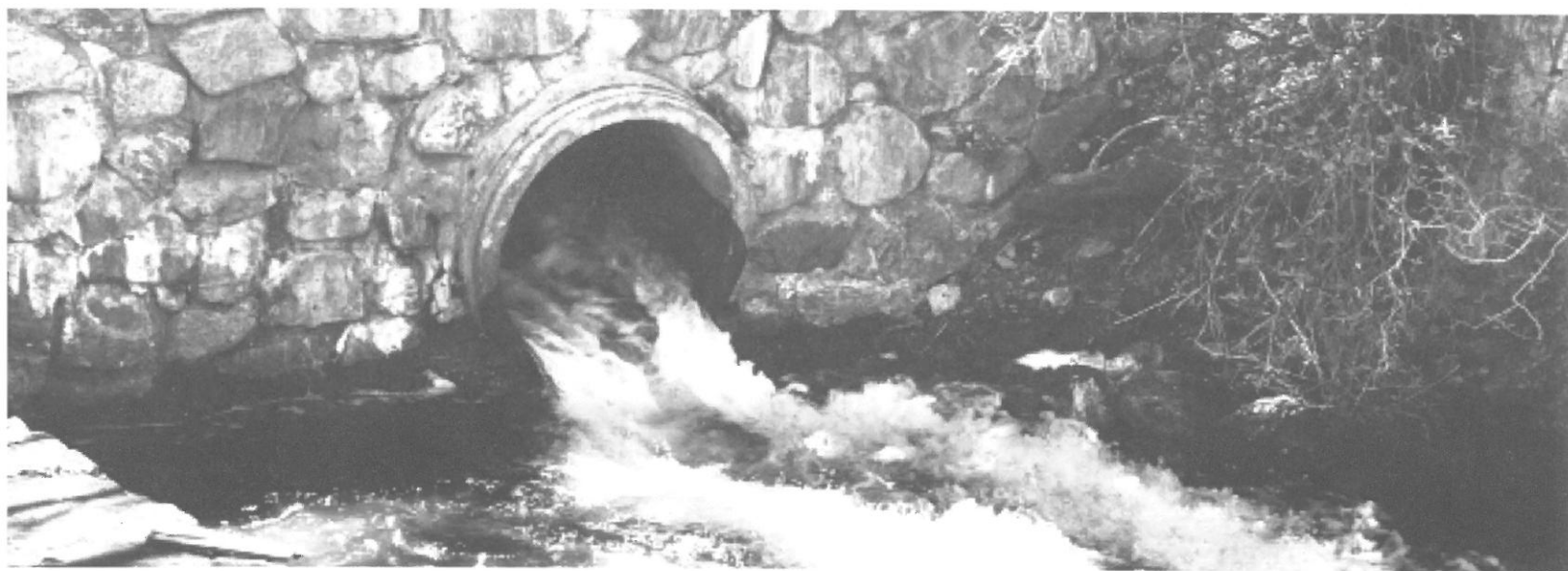
invited to city council meetings, which are generally held the first and third Tuesday of each month. Check the Farmington News Community Calendar each month for specific city council meeting dates and times, or go to [www.farmington.utah.gov](http://www.farmington.utah.gov). Farmington City has a Drinking Water Source Protection Plan that is available for review at City Hall. It provides information such as potential sources of contamination, management strategies and our source protection areas. Potential contamination sources common to our protection area are runoff from state and city roads, residential areas, and commercial areas. Farmington City wells have a low to high susceptibility to potential contamination depending on location of the source.

In the following information, there are many terms and abbreviations with which you may not be familiar. To better understand these terms, please refer to the following definitions:

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which the water system must follow.

**Maximum Contaminant Level (MCL):** The "maximum allowed" is the highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment.

**Maximum Contaminant Level Goal (MCLG):** The "goal" is the level of the contamination in drinking water below which there is no known risk or expected risk to health. MCLGs allow for a margin of safety.



The reverse side of this report details specific data regarding Farmington's drinking water. All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or are man made. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

CONTAMINANTS	VIOLATION Y/N	LEVEL DETECTED LOW/HIGH	UNIT MEASUREMENT	MCLG	MCL	DATE SAMPLED	LIKELY SOURCE OF CONTAMINATION
MICROBIOLOGICAL CONTAMINATION							
Total Coliform Bacteria	N	0	-	0	presence of coliform bacteria in 5% of monthly samples	20 samples per month	naturally present in the environment
Fecal Coloform and E. Coli	N	0	-	0	a routine sample and repeat sample of total coliform and one is also fecal coliform or E. Coli positive	20 samples per month	human and animal fecal waste
Turbidity	N	.05/.21	NTU	NA	-	2013	soil runoff
RADIOACTIVE CONTAMINANTS							
Alpha Emitters	N	4.6/9.7	pC/1	-	15	2013	erosion of natural deposits
Beta Emitters	N	1.8/7.7	pC/1	-	50	2013	erosion of natural deposits
INORGANIC CONTAMINANTS							
Arsenic	N	ND/.001	ppb	7	7	2013	erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Barium	N	.007/.046	ppb	2000	2000	2013	erosion of natural deposits
Copper	N	.0297/.787	ppm	-	AL=1.3	2013	corrosion of household plumbing fixtures; erosion of natural deposits
Fluoride	N	.001/.008	ppb	4000	4000	2013	erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	N	ND/.015	ppm	0	AL=15	2013	corrosion of household plumbing fixtures; erosion of natural deposits
Nitrate	N	ND/1.1	ppm	10	10	2013	runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium	N	.005/.007	ppb	50	50	2013	discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Haloacetic Acid	N	ND/2.5	ppb	NA	60	2013	by-product of drinking water chlorination
Trihalomethanes	N	ND/16	ppb	NA	80	2013	by-product of drinking water chlorination

